

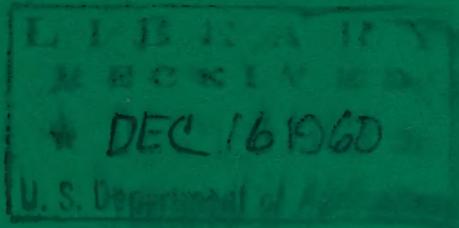
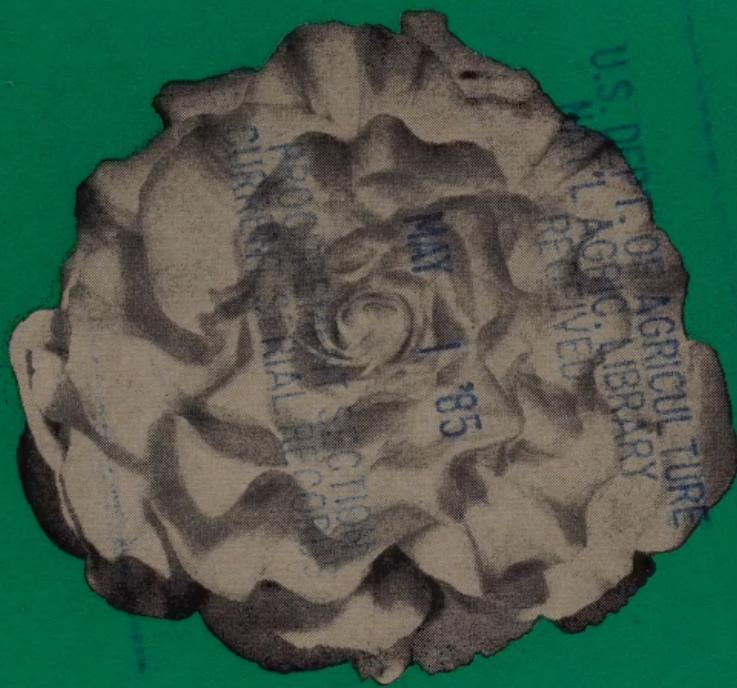
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# 1961 CATALOG



*Antonelli Brothers*

**BEGONIA GARDENS**  
2545 CAPITOLA RD.  
SANTA CRUZ, CALIF.

## *Our Twenty-fifth Anniversary*

Next year will be our Twenty-fifth anniversary in the business of growing the worlds finest Tuberous Begonias. At that time we will issue a beautiful full color catalog, jam packed with pictures, cultural notes and many special offers on our specialties. If you are not on our mailing list, do send us your name now so that we may reserve a copy of our Special Anniversary Issue for you.



This has been a very good growing year for us in Santa Cruz. The size of the tubers is excellent and we are particularly pleased with the production of Basket Picotee Tubers. We are assured of being able to supply the demand of these for the first time since introducing them. By limiting the Ruffled Picotee to six per customer, we believe we can distribute them evenly and fairly to all who desire to grow these strikingly beautiful Begonias.

## Calla Lily

Calla lilies are very easy to grow. They should be planted in fertile, well drained garden soil. Very good for pot culture or garden plantings. Excellent cut flowers.

### Summer Flowering

Delivery—November—March

#### YELLOW CALLA OR GOLDEN CALLA—

(*Zantedeschia Elliottiana*)

Grows 18-24 inches with bright green, white spotted, heart shaped leaves. Bright yellow flower bracts 6 inches long appear in summer.

#### PINK CALLA—(*Z. Rehmanni Superba*)

Grows 12-18 inches tall—narrow bright green leaves. Rose pink flower bracts 5 inches long in early summer.

#### SPOTTED LEAVED SUMMER WHITE CALLA—

(*Z. Alba Maculata*)

Similar to Yellow Calla except with white flower bracts 5 inches long.

### Winter and Spring Flowering Varieties

Delivery—August—September

#### LARGE WHITE CALLA—(*Z. Aethiopica*)

Grows to three feet tall with very large arrow shaped green leaves. White flower bracts 10 inches long in Spring.

#### SMALL WHITE CALLA—(*Z. A. Godfrey*)

Similar to above but with smaller leaves and flower bracts, blooms in Spring.

#### BLACK CALLA—(*Arum Pictum*)

Grows 18-24 inches tall. Large dark green arrow shaped leaves, very dark purplish black flower bracts in Spring—ODORLESS.

### Calla Lily Prices

Large size Tubers

75c each    \$8.25 per 12    \$60.00 per 100

### Summer Calla Combination

**SC-9**

3 each Yellow, Pink, and Summer White Calla  
9 for \$6.00    Save 75c  
Order by collection number

### Winter Calla Combination

**WC-9**

9 for \$6.00    Save 75c  
3 each, large White, small White and  
odorless Black Calla  
Order by collection number

# *Sparkling, Colorful Gladiolus*

## **Finest Quality High Crown No. 1 Bulbs**

Hand selected and orders individually filled. Your order will be filled with the colors you select—if no colors are specified, orders will be filled with our choice of a selection of over thirty varieties.

10 for \$1.20

25 for \$2.95

50 for \$5.50



### **JUMBO Collections**

JC-4: 2" and up high crowned bulbs. For the most flowers in the least amount of garden space, our JUMBO bulbs are the answer.

18 mixed colors ..... Just \$2.25

JC-4a: 36 mixed colors ..... \$4.35

Order by collection number

### **Garden Special**

GS-4 A complete assortment of fine varieties that will give you a multitude of flowers all Summer long.

50 large 1 1/2" bulbs ..... \$3.95

Order by collection number

# All America Gladiolus

These All America Glads were selected after years of testing by Gladiolus judges from all sections of America. They were judged for color, flower form, flower opening, size of spike and vigor.

## INDIVIDUALLY PACKAGED

- Large size bulbs 39c ea; 3 for \$1.10; \$3.95 doz.  
1961 China Blue—Large Soft Blue  
1961 Gypsy Dancer—Vivid fiery orange  
1961 Rusty—Giant rich smokey with silver Picotee edge  
1960 Landmark—Large cream  
1960 Little Pansy—Blotched blue miniature  
1959 Sparkler—Sparkling clear yellow with bright red throat

AA-5—1 each of all 6 All America Glads listed, all for \$1.95

## Miniature Butterfly Hybrid Gladiolus

A new race of small flowered Gladiolus that has won instant approval wherever they have been shown. The unique color combinations and size make these new Glads ideal for flower arrangements. Flowers average about  $2\frac{1}{2}$ " in diameter. We have received many reports from last years customers who were thrilled with their Butterfly Glads. We guarantee them to please you.

- ARES—Amber-white, scarlet markings  
ELF—Apricot. Scarlet throat on yellow blotch frilled  
FATA MORGANA—Soft pink, light yellow blotch, Larger flower than other Butterflies.  
FEMINA—Peach pink, scarlet markings  
ICE FOLLIES—White with large amber-white mark  
MELODIE—Salmon-pink, orange-scarlet blotch  
REMY—Sulphur yellow Magenta throat on yellow falls, frilled  
RENDEZVOUS—Clear orange-scarlet  
SUMMER FAIRY—Reddish salmon, deeper toward tips. Reddish-Maroon color combination  
VIVALDI—Orange-scarlet, deeper scarlet markings

6 for \$1.25

12 for \$2.35

25 for \$4.25

# Hanging Basket Picotee

## Tuberous Begonias

Basket Picotee, another of Antonelli Brothers exclusive originations, is one of the most striking types of Tuberous Begonias available. After many years of hybridizing, we have developed this beautiful Hanging Begonia with large variegated and bicolored flowers. Basket Picotee has the same amazing type of growth as our regular hanging variety. These plants have large, well formed flowers cascading by the hundreds from beautiful green foliage which often times completely hides the basket in which it is grown. The flowers are variegated in many ways, just as the regular Picotee flowers are. Some are daintily edged with a darker or contrasting color, others are slightly darker on the back than on the front. So beautiful are Basket Picotee flowers, it is difficult to find words which will do justice in describing them. We have received many wonderful reports from our customers who have grown these Basket Picotee tubers the past two years. Make your garden a showplace too.

For the first time since introducing this amazing Begonia, we are reasonably assured of having tubers available in sufficient quality to meet the ever increasing demand for Hanging Basket Picotee.

One large or two medium tubers make a fine Hanging Basket the first year.

Available in the following colors:

HP 17—Pink—Rose shades

HP 27—Red shades

HP 37—Apricot—Salmon shades

Large .....	\$1.50 each	\$16.50.....dozen
Medium .....	\$1.00 each	\$11.00.....dozen

### Hanging Basket Picotee Collection

**HP-97**

3 each of all three shades

Colors separately marked

A \$9.00

Value

9 for

**\$7.75**

Order by collection number

NEW

## Ruffled Picotee

### Tuberous Begonia

Originated by us and sold exclusively by our Nursery—these beautiful variegated flowers with ruffled edges will be the pride of your garden. These tubers are individually selected while in bloom in the same manner as we choose our CHOICE SELECT TUBERS. Your satisfaction is guaranteed. The demand for these beautiful Begonias has exceeded even our wildest dreams. Sorry, we must limit these to SIX PER CUSTOMER.

#### Available only as CHOICE SELECT TUBERS

Large	\$1.50 each	6 for	\$8.75
Medium	\$1.00 each	6 for	\$5.75

#### Available Colors:

Pink—Rose—Red—Salmon—Apricot



### Ruffled Picotee Collection

**RP-56**

One each of all 5 colors

5 medium size tubers only \$4.75

Order by collection number

## Double Rose Form Tuberous Begonias

Here is a new exciting race of Tuberous Begonias we proudly present after years of careful selection and hybridizing at our gardens. The blossoms, resembling huge roses at their prime, literally hide the lush green foliage of these vigorous growing plants. We feel the Rose Form type is truly, THE BEGONIA OF DISTINCTION. This year, more beautiful than ever before.

#### Available Colors:

White, Pink, Rose, Crimson Rose, Scarlet, Dark Red, Yellow, Apricot, Orange, Salmon, Orange-Salmon, Red Salmon, Pink Salmon, and Flame-Orange.

SEED—Delivery December on



#### DOUBLE ROSE FORM

## SEEDLING PLANTS—Delivery—May-June

24.....	\$7.50	48.....	\$13.95
Shipped Prepaid			

## TUBERS—

Delivery—January-March

Large	75c each	\$8.25 Doz.	\$60.00 per 100
Medium	50c each	\$5.50 Doz.	\$40.00 per 100

## CHOICE SELECT TUBERS—Delivery—January-March

Large	\$1.50 each	\$16.50 Doz.	\$120.00 per 100
Medium	1.00 each	11.00 Doz.	80.00 per 100

## ROSE FORM SPECIAL

**RF-9**

Complete assortment of all colors

1 1/2" - 2" Tubers	15 for
A \$6.75 value	<b>\$5.75</b>

Order by collection number

## *Seedling Plants . . . or Tubers?*

Tubers produce larger plants which mature and bloom more rapidly than seedlings. Where growing seasons are short, as in the Eastern United States, tubers started indoors are more rewarding. Begonias grown from tubers bloom from late May until late September.

Seedlings, treated as annuals in California and other areas having long growing seasons, produce an abundance of large beautiful flowers quite rapidly. They bloom from July through November and are a sight to behold when massed in large areas. Seedlings produce a tuber at the end of the season.

## ADVANTAGES OF PLANTING TUBERS

- 1—Larger plants
- 2—More flowers per plant
- 3—Earlier blooming season

## ADVANTAGES OF PLANTING SEEDLINGS

- 1—Lower cost
- 2—Uniform growth
- 3—Easy to start, no worry about starting tubers in February or March—just buy plants in May and plant.
- 4—Blooming season extends later in to Fall in mild climates.

## Giant Double Ruffled Form

Ruffled form Tuberous Begonias resemble both the Camellia and Carnation types from which they have been derived by extensive inter-breeding over the years. Each flower shows exciting variations of frilly, wavy, or scalloped petals clustered together to produce the most beautiful flowers we have ever seen. Sometimes called BALLERINA Begonias, Ruffled Form is becoming increasingly popular with each passing year. This popularity is due to the large size and bright colors of the flowers and the vigor of the plants.

#### AVAILABLE COLORS

White, Blush, Pink, Rose, Crimson Rose, Scarlet, Cardinal Red, Dark Red, Yellow, Apricot, Salmon, Flame Orange.

SEED—Delivery—December on

SEEDLING PLANTS—Delivery—May-June

24.....\$7.50 48.....\$13.95

Shipped Prepaid

**TUBERS—Delivery—January-March**

Large	75c each	\$8.25	Doz.	\$60.00	per 100
Medium	50c each	\$5.50	Doz.	\$40.00	per 100

CHOICE SELECT TUBERS—Delivery-January-March  
Large \$1.50 each \$16.50 Doz. \$120.00 per 100  
Medium 1.00 each 11.00 Doz. 80.00 per 100

## PICOTEE and RUFFLED SPECIAL PR-10

Complete assortment of all colors in  
Picotee and Ruffled Type

1 1/2" - 2" Tubers

15 for

A \$6.75 value

**\$5.75**

Order by collection number

## RUFFLED FORM SPECIAL RF-11

Complete assortment of all colors

1 1/2" - 2" Tubers

15 for

A \$6.75 value

**\$5.75**

Order by collection number



### TUBEROUS BEGONIA SEEDLINGS

Delivery—May 1-June 15

These strong, vigorous plants will start to produce beautiful flowers in six to eight short weeks and will continue to bloom until the first frosts. Often they are still blooming in our fields in late November. Packed Assorted—Your choice of types and colors or we will select an assortment for you. Available in the same types and colors as tubers.

24.....	\$7.50	48.....	\$13.95
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Shipped Prepaid

# *Picotee Type*

## Tuberous Begonias



PICOTEE TYPE

The Picotee Type is characterized by its contrasting colors. Resembling large Camellias or Roses, this interesting form is becoming increasingly beautiful each year due to the wide variety of new shades and color combinations we are developing. These flowers are variegated in many different ways—some are daintily edged, some heavily bordered with a contrasting color, some are spotted, and others are mottled in various combinations. These are our most popular variety of Tuberous Rooted Begonias. We know you will like them, too.

Available colors:

Pink, Rose, Apricot, Red, Salmon

## PICOTEE SPECIAL P-13

3 each of the five color shades

1 1/2" - 2" Tubers

15 for  
**\$5.75**

A \$6.75 value

Order by collection number

SEED—Delivery December on

\$4.00 per packet

\$2.00 per half packet

SEEDLING PLANTS—Delivery May- June

24.....\$7.50 48.....\$13.95

Shipped Prepaid

TUBERS—Delivery January-March

Large 75c each \$ 8.25 Doz. \$60.00 per 100

Medium 50c each \$ 5.50 Doz. \$40.00 per 100

CHOICE SELECT TUBERS—Delivery January-March

Large \$1.50 each \$16.50 doz. \$120.00 per 100

Medium \$1.00 each \$11.00 doz. \$ 80.00 per 100

## Rex Begonias

Rex Begonias with their exotic leaf coloring, ranging in shades from silver to almost black, on large lush looking green leaves, are deserving of being called "King of Begonias."

They are easy to grow and will do very well in many darker locations of your garden, house or conservatory, where flowering plants do not grow well. They like a loose soil mixture, rich in humus and they do best if fertilized twice monthly with fish emulsion. In general, they do extremely well under the same conditions as Tuberous Begonias, although they will grow with much less light than is required by the Tuberous variety.

REX BEGONIA SEEDLING PLANTS—No two exactly alike in color or leaf markings.

12 for \$6.00

24 for \$9.00

# Hanging Basket

## Tuberous Begonias

One of the most beautiful of all flowering plants is the Hanging Basket variety of Tuberous Begonia. A well-grown plant from an Antonelli Hybrid Tuber will produce hundreds of cascading blossoms throughout the flowering season. They can be grown in any spot sheltered from direct sun and strong wind. For larger baskets, we recommend that you plant two or three medium sized tubers in one container. An excellent plant for patio, porch or veranda. Easy to grow—easier to enjoy.



HANGING BASKET TYPE

### HANGING BASKET SPECIAL

**HB-15**

3 each White, Pink, Red, Yellow and  
Apricot

1 1/2" - 2' Tubers

15 for

\$6.75 value

**\$5.75**

Order by Collection Number

SEED—Delivery December or

SEEDLING PLANTS—Delivery May-June

24—\$7.50 48—\$13.95

Shipped Prepaid

TUBERS—Delivery—January-March

Large 75c each \$8.25 Doz. \$60.00 per 100

Medium 50c each \$5.50 Doz. \$40.00 per 100

## CHOICE SELECT TUBERS

Large \$1.50 each \$16.50 Doz. \$120.00 per 100

Medium \$1.00 each \$11.00 Doz, \$ 80.00 per 100

## Named Varieties

ANDY LEE—Red—Camellia type ..... each \$5.00

CHERYL—Pure White—Gardenia type.....each \$3.00

DARLENE—Light Pink—White center—

Carnation type..... each \$3.00

JEANIE—Pink Salmon—Ruffled Camellia

type ..... each \$3.00

LEZA—Blush Pink  
Gulli

Camellia type ..... each \$3.00

LOU-ANNE—Clear Pink—Rose type.....each \$5.00  
Delivery Jan. March

### Delivery—January-March

## CHOICE SELECT TUBERS

Each year while our three million seedling Begonia plants are in bloom, we carefully select and mark the choicest plants. Of course, some of these are earmarked for our extensive hybridizing program. The remainder of the individually staked plants are to be sold as CHOICE SELECT—the very finest of the world renowned Antonelli strain of Tuberous Rooted Begonias.

As the plants go dormant in December, the Tubers from these staked plants are dug and processed individually. It is these tubers we call CHOICE SELECT.

## OUR "CHOICE SELECT" BEGONIAS ARE PRIZE WINNERS—EACH AND EVERY ONE

Choice select tubers are available in all of the types listed in this catalog.

# HOW TO GROW TUBEROUS ROOTED BEGONIAS

## Soil Preparation

The most important factor to be considered in preparing any soil for Tuberous Begonias is **PERFECT DRAINAGE**. Begonias will grow in any good soil that drains well.

**FOR STARTING TUBERS**, we recommend well decayed leaf mold. If leaf mold is not readily available in your area, a mixture of one-half peat moss and one-half coarse sand is a satisfactory starting medium. Use no fertilizer or manure in the starting medium.

**FOR POTTING**, we recommend a mixture of approximately four parts well decayed leaf mold, one part garden loam, and one part coarse sand. If decayed leaf mold is not available, any good potting mixture will suffice. The mixture should contain humus, and it should be well drained.

**FOR OUTDOOR BEDS**, it is a simple matter to prepare the average garden soil for Tuberous Begonias. If you have a heavy clay type soil or a soil which drains poorly—add leaf mold, sand, or both. If you have a very light or sandy soil, add leaf mold, peat moss, or some other organic materials. If manure is used it should be mixed into the soil well in advance of planting time. Fresh manure is not advisable. Large amounts of peat moss are not recommended except in very sandy soils or when used with sand in the mixture.

## Environment

### SUNLIGHT

Choosing the proper environment for Begonias is essential. This is particularly true in regards to light conditions. Begonias do best in partial shade or filtered sunlight. Often this is the key to success. Exposure to excess sunlight results in burned foliage and flowers. At the other extreme, too much shade results in lush foliage and few, if any flowers.

**THE MORE SUNLIGHT A BEGONIA RECEIVES WITHOUT BURNING, THE LARGER AND MORE ABUNDANT THE FLOWERS WILL BE.**

### WIND

Some protection from wind is essential. Begonias are quite brittle and are sometimes damaged by strong winds. Light breezes are beneficial.

### FROST

As Begonias are tender, they should be started indoors and set out after all danger of frost is past in the Springtime. The first light frosts of Fall and Winter will not harm the tubers. However, in cold climates, such as the Eastern United States, it is advisable to lift the plants with some soil and move them to a frost free place before a freeze sets in. In this way, loss of the tuber by freezing will be avoided.

## Starting California Grown Begonia Tubers

It is very important that a sprout appears before the tuber is planted. If your tubers seem slow to sprout move them from the cool storage area to a warm dark place. When sprouts appear, the tubers are ready to be planted.

**STEP I**—Fill a nursery flat or similar shallow container with the planting medium. Well rotted leaf mold is recommended. However, there are many satisfactory substitutes. The planting medium should be loose, well drained and it should NOT contain fertilizer or manure.

**STEP II**—Space the sprouted tubers evenly in the flat—allowing four to six inches between tubers for root development. Bury the tubers—it is essential to good root development that the tubers are completely covered as the roots develop from the top and sides of the tubers.

**STEP III**—Water carefully. The flat should be lightly but thoroughly watered so that the medium is uniformly moist.

DO NOT OVER WATER. Do not allow the planting medium to become wet and soggy at any time.

**STEP IV**—Place the planted flat in a warm place where it receives filtered sunlight. A temperature of 60-70 degrees is ideal. The flat should not be watered again until the surface of the soil begins to show dryness. As the plants develop, they will need water more often and in increasing amounts. Do not fertilize tubers until after transplanting into pots or beds. It is important to keep the tubers in the flat until the roots are well developed. A good root system will insure a finer plant. When the plants have made four or five inches growth and the root mass is well developed, they should be transplanted. Do not allow the plants to become crowded or spindling in the flat.

A large tuber requires an eight or nine inch pot. Smaller tubers and seedlings need seven or eight inch pots.

Place a piece of broken crockery over the opening in the bottom of the pot. This prevents the soil from plugging the hole, thereby insuring perfect drainage. Fill the pot one-third to one-half full with potting mixture. We use a mix consisting of four parts well decayed leaf mold, one part loam, and one part sand. Into this amount of soil, mix two tablespoons of Full Bloom fertilizer or fish meal. Add about one inch of the potting mixture. Carefully remove plant from the starting flat. Place plant in pot and fill in with pot mix around the roots being sure to add enough soil to cover the root mass lightly.

After potting, the plants should be thoroughly but carefully watered. Then, do not water again until the surface of the soil shows dryness. See section on "How to Water."

## Outdoor Beds

The most important factor in planting Begonias in outdoor beds or large planter boxes is **PERFECT DRAINAGE**. The level of the bed should be even with or slightly higher than the surrounding areas.

The most desirable soil is fairly loose yet has sufficient body and nutrients to allow normal development of the plants. See section on **SOIL PREPARATION**. Moisten the soil thoroughly several days before planting.

Mix a tablespoon full of **FULL BLOOM** fertilizer or fish meal into the soil under the roots. Barely cover this with soil and set plant in its place. Use care to see that the soil is not left mounded around the stalk of the plant.

When setting plants out in beds, each plant should be placed so that the points of the leaves face the front of the bed as most of the flowers will face this direction.

Water the entire planting bed thoroughly but carefully. Use care not to let the soil become soggy. The next watering should not be until the surface of the soil starts to dry out. As the plants develop, the watering will become more frequent. An oft repeated rule is **WATER ONLY WHEN THE SURFACE OF THE SOIL SHOWS DRYNESS**.

For a longer blooming season with larger more beautiful flowers, fertilize your Begonias regularly with **Lucky Gardner 5-3-2** fish fertilizer at two week intervals.

## Pinching

To attain large flowers on the standard or upright type, all shoots should be removed except one. This is accomplished by breaking off, at any time, the growth that develops from the tuber.

On the Hanging Basket variety started from tubers, all the sprouts should be kept and the crown pinched from the first main sprout when they attain four or five inches of growth. This induces the development of the lateral growth, and the growth of new sprouts. Lateral sprouts should not be pinched until just before or soon after potting. Do not pinch the plants of the seedling Hanging Basket type the first

year, as this does not allow time for flower production, and does not allow the tuber to develop properly. For a full basket of seedlings, it is best to put from two to four plants in each basket, depending on the size of the container.

## How to Water

Watering is one of the most important factors in successfully growing Begonias. One who masters this problem should not have any trouble growing fancy Begonias. Begonias do require a little more water than the average garden plant, but the **MOST COMMON MISTAKE MADE IN GROWING BEGONIAS IS OVERWATERING.**

Water carefully—do not allow the soil to become excessively dry and, on the other hand, do not allow the soil to become soggy at any time.

**WATER ONLY WHEN THE SURFACE OF THE SOIL BEGINS TO SHOW DRYNESS.**

The amount of water applied depends on size of plant, size of container, type of soil, weather conditions and etc.

The frequency of watering depends on the same factors—for these reasons it is difficult to set down any hard and fast rule on how to water.

**WATER WELL—BUT ONLY WATER WHEN THE SURFACE OF THE SOIL IS STARTING TO DRY OUT.**

## Fertilizing

Although Begonias seem to exist without any special application of fertilizer the response they give to a regular fertilizing program is amazing and, to say the least, quite rewarding. The plants will be larger and more attractive appearing, the flowers will be larger and more beautiful, and the blooming season in most cases will be longer. A regular fertilizing program is especially important to the successful growing of Begonias in pots or hanging baskets where the nutrients in the soil are rapidly depleted.

Good results are reported from almost any fertilizer. Low analysis organic fertilizers, acid or neutral in reaction are best.

We use and recommend Lucky Gardner (5-3-2) fish fertilizer at the rate of two tablespoons to the gallon of water every two weeks. Apply diluted solution in the same quantity and in place of a regular watering. Start this twice monthly schedule when plants are transplanted to pot or garden, and continue throughout the blooming season or until mid-September.

A healthy well fertilized Begonia has large fleshy dark green leaves.

## Sowing Seed

Tuberous Begonia seed is sown in January and February. Best germination results are from seed sown February 15th to March 1st.

Planting medium and containers should be sterilized with steam or soil fumigant to prevent growth of fungus and weeds.

Use shallow flats or seed pans with ample allowance for drainage. Fill to a depth of one-half inch with moist, well decayed leaf mold and level. Using a piece of ordinary window screen, sprinkle a thin layer of decayed leaf mold evenly over the surface. Sterilize soil and containers. Moisten thoroughly with a light spray of sterilized water. Broadcast the seed, taking care to spread it evenly over the flat to avoid crowding. Dusting the seed with Rootone will make it easier to see on the dark leaf mold.

Water carefully with a light spray of sterilized water. Do not cover the seed. Cover the flats with sheets of glass and darken with paper until germination. Seed will germinate in six to ten days at a constant temperature of 65 to 75 degrees. Fog lightly with sterilized water during the fourth day. As soon as the seed shows small white specks, the paper should be removed. Do not remove glass until after

the tiny plants appear. Use extreme care in watching that the surface of the soil does not dry out at this stage of growth. Two or three days later small plants will show. The glass should be gradually propped open and then removed. Water carefully with sterilized water as needed. Sterilized water should be used, at least, until the third leaf shows on the small plants. Then the plants may be watered with fresh water for fifteen to twenty days before transplanting.

A good mixture for transplanting contains six parts well-decayed leaf mold, one part loam, and one part sand. At first transplanting the seedlings are spaced one inch apart in flats filled to a depth of one and one half inches. When they become crowded they are transplanted again, this time they are spaced two or more inches apart. After the first transplanting, the seedlings respond very well to weekly or bi-weekly applications of fertilizer solution prepared by diluting one tablespoon of Lucky Gardner fish fertilizer in three gallons of water. In five or six weeks they will be ready for potting or planting in the garden.

## Digging Dormant Tubers

Do not dig tubers while foliage remains green as it is the latter part of the season when the tubers increase in size and store energy for next year. On the West Coast, tubers are not ready for digging until the first part of December. The first light frosts are beneficial and do not harm the tuber. Tubers should be removed from the soil when the plant turns yellow and starts to fall apart. After foliage has died back dig the tuber, wash or brush all soil free of tubers and dry them in the hot sun for several days. Remove any trace of the old stem before storage. When the tubers are thoroughly dry, store them in a cool (frost free) dry place for the winter. DO NOT STORE THE TUBERS UNTIL THEY ARE THOROUGHLY DRY.

## Pest and Disease Control

Tuberous Begonias are relatively free of injurious pests and diseases. Slugs and snails occasionally bother but are easily controlled by baiting. Earwigs sometime eat small round unsightly holes in the leaves but otherwise do not harm the plant. Earwigs can be controlled by baiting and/or by treating the general area with Chlordane or Dieldrin.

Powdery mildew is the most serious disease affecting Tuberous Begonias. The powdery mildew problem is decreasing year by year with the development of more resistant strains and the use of improved control materials. With just a little effort, Begonias can be kept free of mildew. PREVENTION IS THE BEST CURE.

An excellent program is to dust with sulphur or spray with DOO SPRAY at three or four week intervals starting early in the season, then, if any signs of mildew appear treat the infected areas with DOO SPRAY. After plants reach the blooming stage, it is not advisable to use sulphur as it will burn the flowers.

Copotox dust is also a good mildew preventative. It is the best material we know for the control and prevention of stem rot on Tuberous Begonias.

## Dropping of Buds

Begonias, although hardy and easy to grow under favorable conditions, are affected by overwatering and dense shade. As a result, they will not bloom properly. They require fresh-air circulation, and will drop their buds and flowers in a very few days if kept indoors. If the center buds fall before they open, it is usually a sign that the soil is kept too wet. Care should be taken to avoid overwatering. In the cooler coastal areas, the use of peat moss should be avoided or used sparingly. If your plants become tall and spindly, with large leaves and few flowers, there is insufficient light. This may be remedied by removal to a less-shaded location.

## Fuchsia Hybrids

Easy to grow—delightfully beautiful—the highly colored, yet delicate flowers of these fuchsia hybrids are so varied and beautiful that they are highly prized all over the country by specialists and beginners alike. These are strong, healthy, well established plants in 2½" containers.

### Upright Fuchsias

BERKELEY—Double Rose Marbled—Rose Sepals  
BLUE WAVES—Double Deep Violet—Rose Red Sepals  
BOUDOIR—Double Mauve—White Sepals  
CAMILLE—Double Rose Bengal—Crimson Sepals  
CARMEL BLUE—Single Blue—White Sepals  
CHANG—Single Bright Orange Novelty  
DESERT SUNSET—Double Smokey Rose—Rosy Pink Sepals  
ERECTA NOVELTY—Single Erect Pink  
FANTASY—Semi Double Pale Orchid—Pink Sepals  
FASCINATION—Double Rose Pink—Deep Pink Sepals  
FRENCHI—Double Rose Mauve—Salmon Pink Sepals  
GREY LADY—Double Pale Greyish—White Sepals  
GYPSY PRINCE—Double Violet Purple—Crmson Sepals  
IMPUDENCE—Single White Veined Rose—Rose Sepals  
KINGS RANSOM—Double Deep Purple—White Sepals  
LUCKY STRIKE—Double Blue Violet  
MARIN JEWEL—Double Mellow Purple—White Sepals  
MISSION BELL—Single Purple-Red Sepals  
PIN WHEEL—Double Violet-Pink Sepals  
PINK CLOUD—Large Single Pink—Pink Sepals  
PINK FAIRY—Double Pink—Dark Pink Sepals  
ROSE CREST—Deep Lilac Mauve—Carmine Sepals  
SAN LEANDRO—Double Magenta—Magenta Sepals  
SANTA CRUZ—Double Red—Red Sepals  
SILVER BLUE—Double Silver Blue—White Sepals  
SLEIGH BELLS—Single White—White Sepals  
TELEVISION—Double Deep Orchid—White Sepals  
TITANIC—Double Rose Purple—Carmine Sepals  
THE CHIEF—Double Purple—Red Sepals

### Trailing Fuchsias

AUTUMNALE—Single Purple—Beautiful Variegated Leaf  
AUNT JULIANA—Large Double Lavender—Red Upright Sepals  
BLOOMER GIRL—Large Pale Pink—Carmine Sepals  
BLUE PETTICOAT—Blue Lavender—White Sepals  
BOUFFANT—White—Rose Sepals  
CASCADE—Single Rose Pink—Sepals Near White  
CITY OF MILLBRAE—Large Lavender Blue—Red Sepals  
FIREBALL—Ruddy Purple—Sepals Bright Carmine  
FORT BRAGG—Large Double Pale Lavender Rose—  
Deep Rose Sepals  
GOLDEN MARINKA—Deep Red Single—Each Leaf is  
Variegated with Gold  
LILIBET—Double Soft Rose—White Sepals  
LILAC 'N' ROSE—Double Rose—White Sepals flushed Pink  
MARINKA—Single Red  
POTENTATE—Large Double Rose—Darker Sepals  
PURPLE NIGHT—Double Deep Royal Purple—White Sepals  
RED SPIDER—Single Rose Red—Deep Crimson Sepals  
ROSEBUD—Double Bright Rose Salmon—White Sepals  
SHADY LANE—Lilac Blue—Red Sepals  
SILVERADO—Double Pale Silvery Pink—White Sepals  
SIERRA BLUE—Double Silvery Blue—White Sepals  
SO BIG—Large Double Creamy White—Long Upturned,  
Pale Pink Sepals  
SOUTH GATE—Double Pale Pink—White Sepals  
SWINGTIME—Double Creamy White—Red Sepals  
TINKER BELL—Single Pale Blush Veined Pink—Pink Sepals  
MILLIONAIRE—Double Deep Violet Purple—Red Sepals

## Trailing Fuchsias—Continued

MISS CALIFORNIA—White, Shaded Faint Pink—Pink Sepals  
—Single to Semi-Double  
MOTH BLUE—Double Deep Lilac Blue—Rose Red Sepals  
TRAIL BLAZER—Double Red—Red Sepals  
TUMBLING WATERS—Double Purple—Dark Crimson Sepals  
UNCLE JULES—Large Double Violet Blue—Red Sepals  
VAGABOND—Very Large Double Magenta—Magenta Sepals

**MINIMUM SHIPMENT 6 PLANTS—PRICE 75c EACH  
DELIVERY—APRIL AND MAY**

## Patented and Trade Mark Registered

### For Hanging Baskets

BLUE BUTTERFLY—1960 TMR Double—Short Tube—Long White Sepals, Corolla Deep Violet Blue Splashed with White—Fades to Lush Orchid with Blue Undertones.  
DUSKY ROSE WALTZ—1960 TMR—Very Large—Corolla Rose with Coral Pink Splashes. Long Coral Sepals which Curl at Tips.  
ENCHANTED (Patented)—Large Blue Purple overlaid with Fuchsia Pink. Sepals Rose-Red.  
PINK GALORE—TMR—Double Pink, Long Upturned Pink Sepals—very beautiful.  
RED JACKET—TMR—Large Fluffy Double—The Whitest Corolla and Brightest Red Sepals and Buds.  
STREAMLINER (Patented)—Long Thin Tube and Long Twisted Bright Crimson Sepals Corolla Semi-Double Bright Crimson.  
SUMMER SNOW—TMR—Semi-Double Creamy White. Recurved White Sepals.  
WALZTIME—TMR—Double, Pale Pink. White, Upturned Sepals

### Uprights

CANDLELIGHT—TMR—Large Double Dark Purple Lilac Fading to a Bright Carmine Red. Sepals White Flushed Pink.  
VOO DOO (Patented)—Large Double Deep Purple Violet—Long Dark Red Sepals.

**\$1.00 each  
Delivery—April and May**

As a special service to our customers, we have selected three assortments of what we consider our finest fuchsias. We offer to you these assortments at special combination prices. We are sure you, too, will enjoy our favorite varieties.

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### F-81

### Hanging Fuchsias

1 Pink Galore	1 Swingtime
1 Blue Butterfly	1 Aunt Juliana
1 Miss California	1 Uncle Jules
1 Dusky Rose Waltz	1 Red Spider

Value \$6.75

8 for only \$5.95

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### F-82

### Upright Fuchsias

1 Carmel Blue	1 Voo Doo	1 Pink Cloud	1 Frenchi
1 Candlelight	1 Sleigh Bells	1 Pink Fairy	1 Santa Cruz

Value \$6.50

8 for only \$5.75

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### F-83

### ASSORTED FUCHSIAS

#### HANGING

1 Candlelight	1 Pink Fairy	1 Pink Galore	1 Aunt Juliana
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1 Frenchi	1 Voo Doo	1 Swingtime	1 Uncle Jules
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Value \$6.75

8 for only \$5.95

# *Antonelli Hybrid Gloxinias*

Gloxinias have large, velvety, dark green leaves and exotic bell shaped flowers in a wide variety of colors. Gloxinias are excellent house plants and with just a little care will reward you with untold beauty for many months of the year. The important requirements are light, warmth, a well prepared planter mix, and to be kept free of insects.

Available in the following colors:

La Rue—Large flowers of the most brilliant red yet offered in the large flowered variety.

Blue Heaven—The latest achievement in the blue color range.

Kiss of Fire—Brilliant, all scarlet—late blooming—short, erect flowers on a compact plant. Our most popular Gloxinia. Kiss of Fire produces small tubers—large grade is  $1\frac{1}{4}$ - $1\frac{1}{2}$  inches in diameter.

Ruby—Wavy bright red flowers—light pink back—early blooming, upright flowers. Large tubers,  $1\frac{1}{2}$ -2 inches in diameter.

Velvet Queen—Very large ruffled violet red flower.

Blanche De Meru—Rose, White Throat.

Mont Blanc—White.

Emperor Frederick—Scarlet, white border.

Emperor William—Violet white border.

Prince Albert—Purple, frilled edge.

Princess Elizabeth—Soft violet, white throat.

Roi Des Rouges—Dark crimson, frilled edge.

Violacea—Soft violet.

Tigrinia Spotted—Pink, Rose, Scarlet, Lavender, Violet, Red

Pink Edge—White, pink edge.

## PRICES

SEED: Delivery December on.

\$4.00 per packet	\$2.00 per half packet	
New Colors —	Straight Colors —	Mixed

SEEDLING PLANTS: Delivery May—June

24—\$7.50	48—\$13.95
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TUBERS: Delivery January—March

Large .....	85c each.....	\$9.35 per dozen
Medium .....	60c each.....	6.60 per dozen

GL-8 All Different, including new varieties not yet offered.

1 $\frac{1}{4}$ -1 $\frac{1}{2}$ " Tubers .....	8 for \$2.85
	15 for 5.00

Order by collection number



## GLOXINIA CULTURE

**TUBERS**—Gloxinia tubers may be started as soon as you receive them. To encourage root growth and to avoid over-watering, start tubers the same as Tuberous Begonias in flats. Tubers generally give several sprouts. To achieve a well-formed plant with the largest flowers, it is important to remove all but the main shoot by breaking or cutting off at the tuber. These shoots may then be started in sand or your regular rooting media. After rooting treat the same as seedlings.

**SEED**—Gloxinia seed may be started by the same requirements and soil mixture used for Tuberous Begonias or African Violets. Either method is satisfactory. Care should be taken not to keep the soil too wet, and that foliage is dry during the night.

**BUD BLAST**—This is usually caused by attack of thrip. Other causes are over-feeding with a chemical fertilizer during the blooming period, and wetting the buds during very warm days with cold water. Remedy is simply correcting the cause—keep the plants clean, feed with organic fertilizer, and care in keeping flower stems dry during very hot days.

**POTTING**—Our pot mix consists of three fourths well-decayed leaf mold and one forth loam. African Violet mix is satisfactory, large tubers need a 7 or 8 inch pot, medium tubers 6 or 7 inch pot, using the same procedure as directions given for Tuberous Begonias.

**PESTS**—The most common pests are thrip and aphids, controlled easily by any one of several insecticides formulated for this purpose.

# *Achimenes*

## Culture

Achimenes are an easy to grow house plant. Environmental requirements are the same as for African Violets or Gloxinias. They need a loose soil mixture, night temperature near 60 degrees and some filtered sunlight. After starting indoors, they may be removed to a lath house or shady spot outdoors when they commence to bloom. They are very beautiful when planted 6 to 12 tubers in a 6 inch pot or basket, keeping varieties separate as they multiply terrifically. Tubers resemble tiny miniature pine cones.

- \* A. LONGIFLORA—Medium Blue
- \* A. MEXICANA—Dark Blue
- \* ADELE DE LA HAUTE—Lavender Rose
- \* AMROSE VERSCHAFFELT—Lavender
- \* ANDERSONI—Medium Blue  
CAMILLE BROZZONI—Small—Lilac Tinted-Brown Dots
- \* CRIMSON GLORY—Small—Lavender Orange  
EVA—Small—Very Beautiful Pink
- \* FRANCOIS CARDINAUX—Small—Lavender
- \* MASTER INGRAM—Carmine Red  
PULCHERRIMA—Purple  
ROYAL PURPLE—Royal Purple

\* These varieties marked \* will make very attractive display in Hanging Baskets. They also do well when grown upright.

25c each, 12 of one variety for \$2.00

## Koleria Hybrids

Small tubular flowers and soft green very attractive foliage—will do well in lath house or sheltered shade garden. An excellent house plant. Easy to grow; culture same as Achimenes. Tubers should be planted individually in five or six inch pots. Assorted pastel colors.

3 for \$1.50

6 for \$2.85

## Smithiantha—Mixed Hybrids

Beautiful, velvety green to bronze foliage sometimes heavily veined or mottled. Small, tubular spotted flowers in many shades of pink, rose, yellow, orange and salmon. Easily grown as a house plant. Also does well outdoors in shade in warm climates during the summer. Blooms late summer. Culture same as Achimenes. Plant individually in 5 or 6 inch pot. Assorted pastel colors.

3 for \$1.85

6 for \$3.50

# Dahlias

For great splashes of color in your garden, and armloads of cut flowers from summer till frost. Guaranteed to have live eyes or buds. Each tuber individually labeled and packaged in polyethline bags with easy to follow cultural directions.

## Decorative

ALICE MAY—10" Giant Pure White  
CEASE FIRE—10" Yellow  
CORNELIA PINCHOT—10" Light Red  
DU ROI ALBERT—6" Purple Tipped White  
JOHN BUSHRIDGE—8" Golden Bronze  
HIKAM—6" Mandarin Red  
KINDIG PURPLE—10" Deep Purple  
MARIE LOU—10" Giant Coral Pink  
MDM. LE BOUTELLIER—12" Red  
MOROCCO—10" Golden Apricot  
PAISLEY GEM—8" White, Violet Streaked  
SHERWOOD PEACH—12" Buff and Old Gold  
SIMOUN—10" Canary Yellow  
SNOW STORM—Huge White  
SONJA—6" Fuchsia  
WANDA MEADE—6" Bicolor, Red, White Tips  
ZADIG—8" Bronze

## Cactus

CARDINAL—10" Currant Red  
FAITHFUL—8" Snow White  
GOOD EARTH—10" Pink, White Center  
NEW LOOK—10" Empire Yellow  
NICKY K—5" Brilliant Scarlet  
ORFEO—6" Glistening Purple  
RIVOLI—5" Rich Yellow

## Miniature

CHERUBINO—Pure White (Collarette)  
DESTIN—3" Lavender Cactus  
LA GIACONDA (Collarette) Red, Yellow Collar  
MERRY GO ROUND—Pink and White  
ROSE FLETCHER—4" Pastel Pink  
TASOGARE—3" Scarlet  
TRINKET—3" Red Cactus

## Prices

Any selection of your choice from the above list.  
75c each      6 for \$4.35      12 for \$8.50

## Pompons

BAMBI—Maise Yellow Tinted Rose  
BETTY ANN—Pink  
CATHERINE—Rich Yellow  
KASASAGI—Yellow, Tip Rust Red  
MARY MUNNS—Solid Deep Lavender  
RED WARRIOR—Rich Crimson  
ROSA WILMOT—Soft Pink  
SNOWFLAKE—Pure White  
TAAKAS YELLOW—Canary Yellow  
TIP TOP—Raspberry Red

## Prices

50c each      6 for \$2.75      12 for \$5.50

## Streptocarpus

(CAPE PRIMROSE)

Streptocarpus is easy to grow and will do well outdoors in a shady, sheltered location, in any good loose soil, or as a house plant. Colors range from pure white through pink, rose, salmon, blue, to a deep violet. Plants are shipped in crates of twenty-five. Twelve plants may be ordered in conjunction with Tuberous Begonias or Gloxinias.

SEEDLING PLANTS—Delivery—May and June

25—\$7.50 50—\$13.95

SEED: December Through May

\$4.00 per packet \$2.00 One-half packet

## Lucky Gardner Fish Fertilizer

We use and recommend Lucky Gardner (5-3-2) Fish Fertilizer to grow the worlds most beautiful Begonias. Lucky Gardner now comes packed in an unbreakable plastic container which is easy to pour from without spilling and which keeps the fertilizer fresh. No strong fish odor—one quart makes 32 gallons diluted fertilizer solution.

\$2.25 per quart \$3.95 per one-half gallon

## FULL BLOOM

### Organic - Dry - Fish - Fertilizer

An all-purpose organic fertilizer for indoor or outdoor plants, and for use in the vegetable garden. A fish fertilizer with potash, phosphoric acid and a soil conditioner added. Goes farther, lasts longer.

3 10½ oz. Cans	\$1.50
1 10½ oz. Can (with bulb order)	.50
24 10½ oz. Cans (1 case)	10.00

## Copotox Dust

Copper Dust 1 lb.	\$1.50
5 lb.	5.00

## Dusting Sulphur

Flotox 1 lb. 10 oz.	\$1.50
Anchor Brand 5 lb.	\$2.75

## Orthocide Garden Fungicide

(CONTAINS CAPTAN)

1/2 lb.	\$1.85
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## Doo—Spray

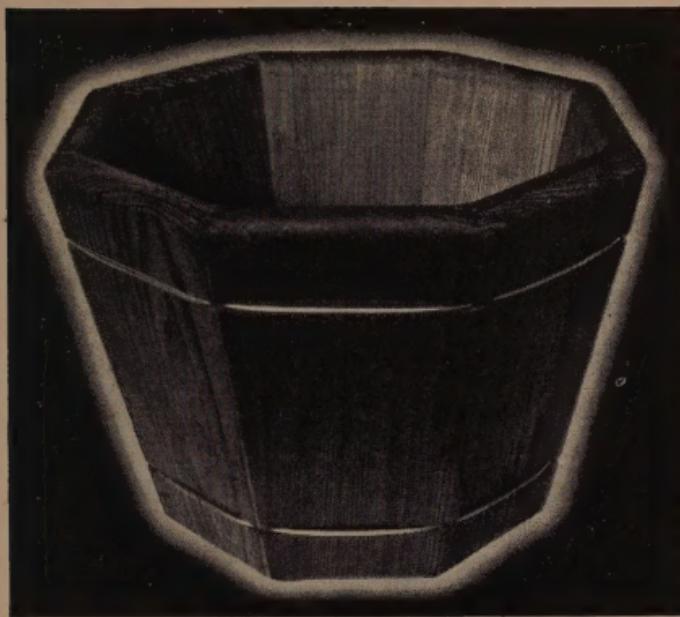
For Control of Powdery Mildew

3½ oz. Wettable Powder	\$1.50
7 oz. Wettable Powder	\$2.50
4 oz. Liquid	\$1.35
8 oz. Liquid	\$2.25

Treats 50 plants for a whole season

Treats 50 plants for a whole season

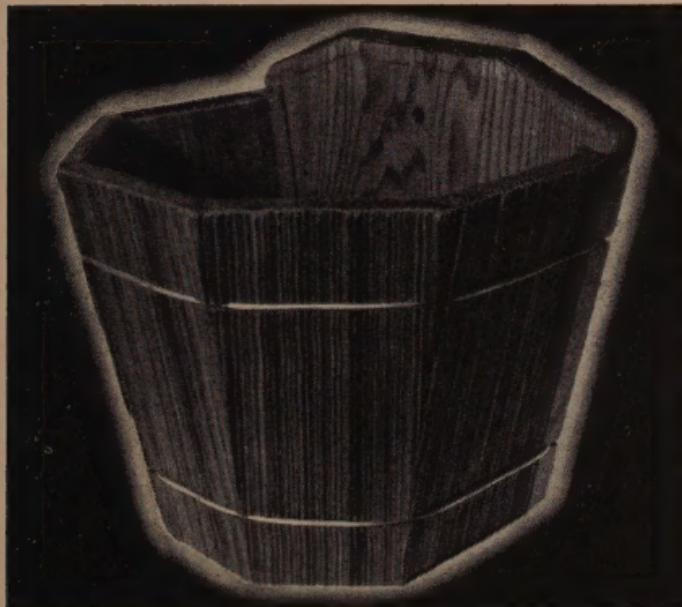
# Rustic Redwood Hanging Baskets



REDWOOD HANGING BASKET

H-9, H-10, H-11

H- 9—9"	Top Diameter	each	\$2.60
8" High			
H-10—10"	Top Diameter	each	2.85
8" High			
H-11—11"	Top Diameter	each	3.25
8" High			



REDWOOD WALL BASKET

W-109

W-109—10"	Top Diameter	each	\$3.25
9" High			

# *Antonelli Brothers.* **BEGONIA GARDENS**



We welcome you to our gardens to see the thousands of blooming plants that give you a feeling of being in Fairyland. See our TUBEROUS BEGONIA plants in our greenhouses and acres of seedling begonia blossoms in all colors and types under the lathhouses; also, our new introductions of HYBRID GLOXINIAS in their new colors and our FLOWERAMA with its display of FERNS, one of the finest collections to be seen anywhere and THE CHAPEL OF FLOWERS—a display of beauty always to be remembered. All of these beautiful sights to be seen during the months of July throughout October.

We are located in the heart of California's vacationland, where the Redwoods meet the sea. Just east of Santa Cruz, seventy miles south of San Francisco.

**2545 CAPITOLA RD.  
SANTA CRUZ, CALIF.**

**TELEPHONE Greenwood 5-3734**